

Converting Colors

YUV(108.3040, 43.2341,
86.5564)

Have a look what the booklet for
YUV(108.3040, 43.2341, 86.5564)
contains.

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Color

**YUV(108.3040, 43.2341,
86.5564)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF29C4 |
| RGB | 207, 41, 196 |
| RGB Percent | 81%, 16%, 77% |
| CMY | 0.1882, 0.8392, 0.2314 |
| CMYK | 0.00, 0.80, 0.05, 0.19 |
| HSL | 304°, 67%, 49% |
| HSV | 304°, 80%, 81% |
| XYZ | 36.4889, 18.8368, 53.9372 |
| YIQ | 108.3040, 49.1810, 83.3970 |

Conversions

Conversions Part 2

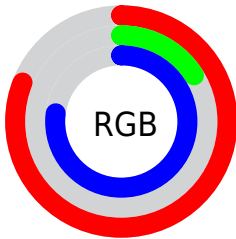
| Format | Color |
|-------------------------------------|--|
| RYB | 207, 41, 196 |
| Decimal | 13576644 |
| CIELab | 50.50, 76.77, -43.60 |
| CIELCh | 50, 88.291, 330.407 |
| Yxy | 18.8368, 0.3340, 0.1724 |
| Android (android.graphics.Color) | 4291766724 (0xFFCF29C4) |
| YUV | 108.3040, 43.2341, 86.5564 |
| Hunter-Lab | 43.4014, 74.1180, -43.3019 |

Details

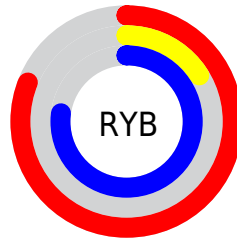
The YUV color **108.3040, 43.2341, 86.5564** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **139.6960, -43.2341, -86.5564**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4830, 41.6669, 75.8754**, and **60.4400, 40.2091, 76.7901** is the 20% darker color. If you saturate the color by 10%, you get **95.8630, 48.8745, 97.4671**, and if you desaturate by 10%, it is **120.7450, 37.5937, 75.6456**.

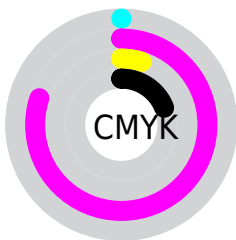
Distribution



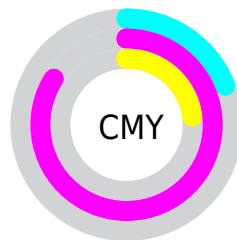
- Red (81%)
- Green (16%)
- Blue (77%)



- Red (81%)
- Yellow (16%)
- Blue (77%)



- Cyan (0%)
- Magenta (80%)
- Yellow (5%)
- Black (19%)





- Cyan (19%)
- Magenta (84%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.3040, 43.2341, 86.5564 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 108.3040, 43.2341, 86.5564 by changing the saturation by 10% instead.


 108.3040, 43.2341,
86.5564


 108.3040, 43.2341,
86.5564

255.0000, 0.0000,
0.0000


 72.0750, 47.2910,
92.0192


 168.4830, 41.6669,
75.8754


 60.4400, 40.2091,
76.7901


 185.7340, 34.1481,
60.7463

 48.9900, 32.5429,
62.2758


 203.3440, 25.4664,
45.3023

 37.4690, 25.8978,
46.9467

 220.3670, 17.0741,
30.3731

 26.9590, 19.2472,
33.3620

 237.9770, 8.3923,
14.9292

 15.3670, 13.6231,
17.2181

 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 108.3040, 43.2341,
86.5564

■ 108.3040, 43.2341,
86.5564

■ 95.8630, 48.8745,
97.4671

■ 120.7450, 37.5937,
75.6456

■ 83.8950, 53.7888,
107.9631

■ 132.7130, 32.6795,
65.1497

■ 145.1540, 27.0391,
54.2389

■ 157.5950, 21.3987,
43.3282

■ 170.1500, 16.1951,
32.3175

■ 182.0040, 10.8440,
21.9215

■ 194.5590, 5.6404,
10.9108

■ 207.0000, 0.0000,
0.0000

■ 218.8540, -5.3510,
-10.3960

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



117.6380, 66.2405, -12.8375



108.3040, 43.2341, 86.5564



86.9780, 17.7588, 137.7083

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



108.3040, 43.2341, 86.5564



112.9200, -55.6696, 29.0112



110.8670, 41.4776, -97.2304

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



108.3040, 43.2341, 86.5564



139.6960, -43.2341, -86.5564

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.6160, 8.5703, -89.1172



108.3040, 43.2341, 86.5564



100.4520, -49.5228, -29.3374

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



108.3040, 43.2341, 86.5564



110.0050, -54.2325, 81.5566



89.6920, -26.9632, -78.6599



114.4300, 67.8220, -100.3551

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



108.3040, 43.2341, 86.5564



81.6910, -3.7917, 143.2220



89.6920, -26.9632, -78.6599



108.1310, 30.9944, -94.8309

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



108.3040, 43.2341, 86.5564



218.7370, 15.9057, 31.8027



62.3160, 71.3292, -11.6781



105.9390, 9.3971, 19.3475



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



108.3040, 43.2341, 86.5564



109.3610, 63.9120, 127.7254



99.1840, 8.2903, 94.5546



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108.3040, 43.2341, 86.5564



109.3610, 63.9120, 127.7254



148.8160, -8.2903, -94.5546



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 108.3040, 43.2341, 86.5564 looks on a white background.

Color Contrast Check

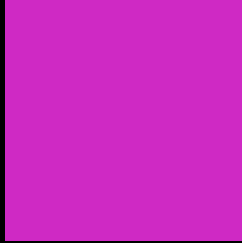
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.3040, 43.2341, 86.5564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

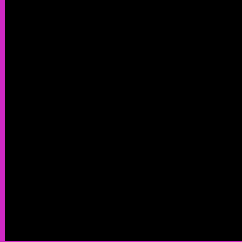
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.3040, 43.2341, 86.5564

Background



This preview shows how black text looks on a background with the YUV color 108.3040, 43.2341, 86.5564.



This preview shows how white text looks on a background with the YUV color 108.3040, 43.2341, 86.5564.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

108.3040, 43.2341, 86.5564

Protanopia

96.9510, 74.4672, -85.0260

Deuteranopia

118.7280, 32.6721, -26.0715



Tritanopia

118.1720, -13.8888, 68.2552

Trichromacy



Original Color

108.3040, 43.2341, 86.5564



Protanomaly

100.7740, 63.2154, -22.6038



Deuteranomaly

115.0180, 36.4731, 14.8932



Tritanomaly

114.4220, 7.1870, 75.0519

Monochromacy



Original Color

108.3040, 43.2341, 86.5564



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

108.3240, 15.6163, 31.2879

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3040, 43.2341, 86.5564 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 41, 196)` looks like.

```
.text, #text, p{  
    color:rgb(207, 41, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 41, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 41, 196) }
```

Border

The CSS property to change the border of an element to YUV 108.3040, 43.2341, 86.5564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 41, 196) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(207, 41, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(207, 41, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 41, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 41, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 41,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 108.3040, 43.2341, 86.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 41, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207, 41,  
196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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